

THE STATE OF OKLAHOMA

2006

WATER QUALITY ASSESSMENT INTEGRATED REPORT



PREPARED PURSUANT TO SECTION 303(d) AND SECTION 305(b)
OF THE CLEAN WATER ACT

Prepared by
OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY



TABLE 6. RIVER AND STREAM MILES IMPAIRED BY SPECIFIC POLLUTANT

Impairment	Size (Miles)
Enterococcus	5,847
Turbidity	3,646
Escherichia coli	3,118
Fecal Coliform	2,921
Total Dissolved Solids	2,525
Chloride	1,900
Oxygen, Dissolved	1,833
Sulfates	1,652
Lead	817
Fishes Bioassessments (Streams)	516
pH	460
Selenium	282
Oil and Grease	207
Sedimentation/Siltation	151
Copper	119
Cadmium	116
Phosphorus (Total)	115
Ammonia (Un-ionized)	107
Nitrates	90
Zinc	65
Chlorpyrifos	42
Diazinon	31
Chromium (Total)	27
Arsenic	6
Barium	4
Dieldrin	4
Silver	2

Table 7 shows the number of lake acres impaired by potential sources, and Table 8 shows the number of river and stream miles impaired by potential sources.

TABLE 7. LAKE ACRES IMPAIRED BY POTENTIAL SOURCE

Potential Source	Size (Acres)
Source Unknown	586,554
Municipal Point Source Discharges	4,444
Agriculture	4,444
Petroleum/natural Gas Activities (Legacy)	35
Silviculture Harvesting	25